

## PATENT ABSTRACTS OF JAPAN

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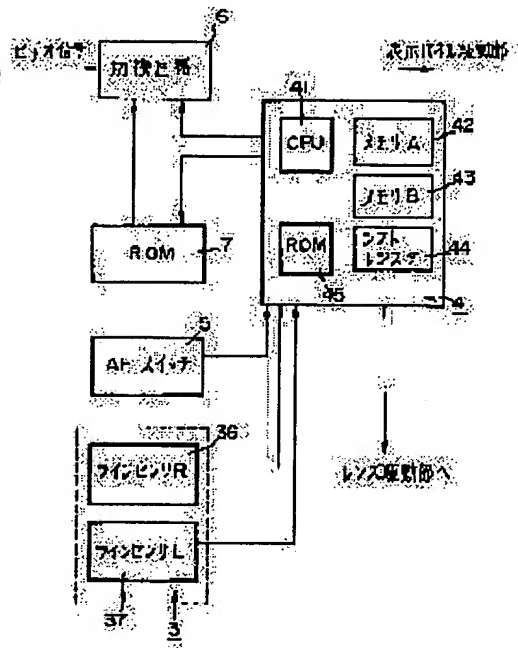
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**(54) PROJECTOR**

**(57)Abstract:**

**PURPOSE:** To find a distance by projecting an image which has a prepared specific pattern on a screen.

**CONSTITUTION:** The image which has the specific pattern is stored in a ROM 7, and selected with an AF switch 5 and projected on the screen, the projection image is inputted to line sensors 36 and 37 through an optical system which is arranged at a specific distance, and one of the inputted image data are inputted to a shift register 44 and compared by a CPU 41 with the other image data to detect the quantity of deviation between both the data; and the distance to the screen is found by referring to the contents of the ROM 45 according to the deviation quantity to put the projector in focus.



## LEGAL STATUS

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